

2004 FULL LINE CATALOGUE



Car Audio and Navigation Systems



# Non-Stop Music

Welcome to the world of Alpine  
Where the music never stops

Seamless system integration  
Flawless route navigation  
Endless entertainment options  
Non-stop music power and quality

Experience non-stop  
multimedia entertainment  
Experience Alpine



# VIVID MOBILE ENTERTAINMENT

## TOUCH CONTROL SYSTEM



The IVA-D300R/RB is clearly the best choice for connecting and controlling an entire mobile entertainment system. Large, colourful menus make it easy to command the functions of a DVD player or

changer, a processor, amps, a TV tuner, other monitors, and more. Forget about needing lots of remote controls — all you need is your finger!

**PulseTouch™ Display**

You have to touch it to believe it! With the IVA-D300R/RB, you just touch the screen to select and control functions. Commands are confirmed by a "click" feel, a sound, and a colour change. You can even call up the DVD menu and make choices right on the screen!



NVE-N099P  
DVD GPS CAR NAVIGATION SYSTEM  
For details, please see GUIDED page.



DVA-5210

IN-DASH DVD VIDEO / MP3 / WMA / CD PLAYER

Touch Control Ready • AI-NET or Stand-Alone Capability • DVD Video, CD-Audio, CD-R/RW, DVD-R/RW • MP3 and WMA Playback • Dolby Digital and DTS Compatibility • Optical Digital Output • Video Out • 2-Ch Mix-Down PreOut • Wireless Remote Control Included • DIN/Trunk Mounting Applications • DVD Region 2 Code (PAL/NTSC)



**PXA-H701**  
MULTIMEDIA MANAGER™

Touch Control Ready • Controllable from IVA-D3000/RB or NVA-D900R • Auto Time Correction with DUX-2700 • Manual Time Correction (6ch Independent, Front 1 L/R, Front 2 L/R, Rear L/R, Centre, Subwoofer) • 31-Band Graphic EQ (Front L/R, Rear L/R, Centre, Subwoofer, 10Band) / Parametric EQ (Front L/R, 5 Band, Rear L/R, 5Band, Centre, 5Band, Subwoofer, 2Band) • MediaXpander • Dolby Digital • Dolby PRO LOGIC II • DTS 3-D Optical Digital Inputs • AI-NET and RCA Input • 4V PreOut



RUX-C701

CONTROLLER FOR PXA-H701

Dual Illumination (Green/Amber) • In-dash controller for use with PXA-H701 in stand-alone mode.



MRA-D550

DIGITAL THEATRE AMPLIFIER

64W x 5 RMS (4 Ω @ 14.4V (1%THD)) • 45W x 5 RMS (4 Ω @ 12V (1%THD)) • Touch Control Ready with IVA-D3000/RB • Controllable from IVA-D3000/RB or NVA-D900R • Manual Time Correction (6ch Independent: Front L/R, Rear L/R, Centre, Subwoofer) • 31-Band Graphic EQ (Front L/R, Rear L/R, Centre, Subwoofer, 10Band) / Parametric EQ (Front L/R, 5 Band, Rear L/R, 5Band, Centre, 5Band, Subwoofer, 2Band) • MediaXpander • Dolby Digital • Dolby PRO LOGIC II • DTS 3-D Optical Digital Inputs • AI-NET Input and RCA Output (for subwoofer) • Intelligent Bass Management

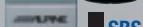


MX

SBS-0715

CENTRE CHANNEL SPEAKER WITH AMPLIFIER

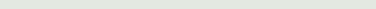
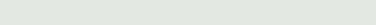
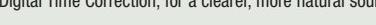
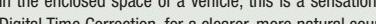
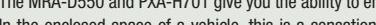
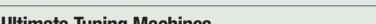
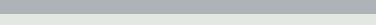
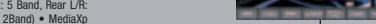
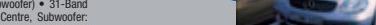
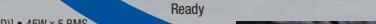
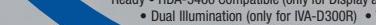
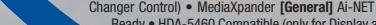
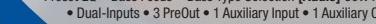
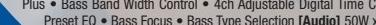
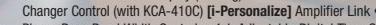
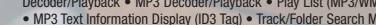
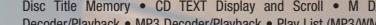
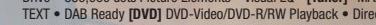
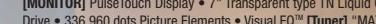
16W RMS x 1 Amplifier • 2-3/4" Speaker  
• Frequency Response : 200Hz-25kHz  
• Easy Dash Mount Application



## MULTI-CHANNEL DIGITAL AUDIO PROCESSORS

IVA-D300R/RB

DVD / CD / MP3 / WMA RECEIVER / MOBILE MEDIA STATION / CHANGER CONTROLLER



## TMI-M990

7" WVGA MOTORIZED IN-DASH MONITOR

IONBUS.

In-dash Motorized Monitor Mechanism • 7" Wide P-Si VGA TFT Display (2400x480 pixels) • Visual EQ (Preset 4 mode / User 2 mode) • IONBUS • External TV Tuner Control (w/ Remote Control) • 3 AV AUX Input and 1 Y/C(S-Video) Input for DVI-9990R • AV Input Name Setting - AUX (AUX-1,2,3/DVD/VIDEO/GAME/TV/CAMERA) - S-Video/AUX/DVD/VTR/GAME/IN • 1 Camera Input (AUX 3) • Independent 2 AV AUX Outputs • NAVI in / NAVI Mix • Built-In Road Aid Microphone

## DAL-E990

HIGH RESOLUTION D/A CONVERTER

IONBUS.

IONBUS • 3 PreOuts (4 Volt) with High Performance DC-DC Converter • Burr-Brown K-Grade 96kHz/24-Bit Sigma-Delta DAC • DVD Audio Link (IEEE1394) • Variable HP/LP Crossover • For use with DVI-9990R only

## KCL-500B

IONBUS™ AI-NET CONVERTER

IONBUS

AI-NET to IONBUS Interface to connect AI-NET CD Changers to DVI-9990R • Full Control • External Series Regulator

## DVI-9990R

DVD IONBUS.

DVD AUDIO/CD TUNER

DIGITAL

DOLBY DIGITAL

DTS DIGITAL

MULTIMEDIA MANAGER™

DOLBY DIGITAL EX

DOLBY PRO LOGIC II

DTS ES/NEO:6 DECODING

DIGITAL AUDIO/MLP DIGITAL OUTPUT FOR DVD AUDIO LINK (IEEE1394)

MP3, WMA PLAYBACK

MAX TUNE PRO TUNER

IONBUS

GUI INTERFACE CAPABILITY FOR TMI-M990

3 COLOR ILLUMINATION (BLUE/GREEN/AMBER)

DETACHABLE REAL METAL FACE

UNIVERSAL REMOTE CONTROL INCLUDED

MULTIMEDIA MANAGER™

FULL CONTROL

EXTERNAL SERIES REGULATOR

## PXI-H990

IONBUS.

DIGITAL

DOLBY DIGITAL

DTS DIGITAL

MULTIMEDIA MANAGER™

DOLBY DIGITAL EX

DOLBY PRO LOGIC II

DTS ES/NEO:6 DECODING

DIGITAL AUDIO/MLP DIGITAL OUTPUT FOR DVD AUDIO LINK (IEEE1394)

MP3, WMA PLAYBACK

MAX TUNE PRO TUNER

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3 COLOR ILLUMINATION (BLUE/GREEN/AMBER)

DETACHABLE REAL METAL FACE

UNIVERSAL REMOTE CONTROL INCLUDED

MULTIMEDIA MANAGER™

FULL CONTROL

EXTERNAL SERIES REGULATOR

## MRV-F900

4/3/2 CHANNEL POWER AMPLIFIER

400W x 2 RMS (4 Ω-Bridged @14.4V (0.3%THD)) • 200W x 4 RMS (2 Ω @14.4V (0.3%THD)) • 100W x 4 RMS (4 Ω @14.4V (0.08%THD)) • High Efficiency True Double Stage Power Supply Design • Independent Power Supplies for Pre and Power Stages • 70mm Toroidal Transformer and 10,000μF Capacitors • 6 Layer PCB Design • Copper Chassis • 6 Triple Darlington Devices in a Parallel Push-Pull Configuration (per channel) • Balanced Push-Pull Current Flow System • Precision Level Adjustment Controls

## SPX-Z18T

3-WAY COMPONENT SPEAKER SET

200W Peak Power • 50W RMS • Frequency Response: 35Hz - 60kHz • Sensitivity: 89dB/W/m • 7" (18cm) Woofer (x2), 4" (12cm) Mid (x2), and 1-1/4" (3cm) Tweeter (x2) with Unique "Ring Radiator" Design • Ultra-High Quality Crossover with Bi/Bi Wire Input and independent crossover bypass capabilities

## SPX-Z15M

2-WAY SINGLE CHANNEL COMPONENT SPEAKER SET

200W Peak Power • 50W RMS • Frequency Response: 45Hz - 60kHz • Sensitivity: 87dB/W/m • 6" (15cm) Woofer (x1), and 1-1/4" (3cm) Tweeter (x1) Unique "Ring Radiator Design" • Ultra-High Quality Crossover with Bi Wire Input and independent crossover bypass capabilities

**The sound is vivid, and so is the picture. Alpine makes mobile cinema a genuinely exciting experience with dazzling clear images and dynamic multi-channel sound.**

## MOBILE MEDIA STATIONS



## IVA-D900R

DVD / CD / MP3 RECEIVER / MOBILE MEDIA STATION / CHANGER CONTROLLER

DVD DIGITAL

DTS DIGITAL

DOLBY DIGITAL

MX DAB Mobile Hub

MP3

[MONITOR] 7" Transparent type TN Liquid Crystal Wide LCD Monitor • TFT Active Matrix Low-Temperature Poly-si Drive

• 1,152,000 dots Picture Elements [Tuner] "MAX TUNE PRO" Tuner(FM18/MW6/LW6) • Radio TEXT • DAB Ready [DVD] Dolby Digital • DTS [CD] Digital Output (Optical) • Disc Title Memory • CD TEXT Display and Scroll • M DAC • Track/Folder Search Menu • MP3 Decoder/Playback • Play List (MP3) [CD Changer Control] Music Scan • Disc Title Memory • MP3 Text Information Display (ID3 Tag) • Track/Folder Search Menu • CD TEXT Display and Scroll • Multi CD Changer Control (with KCA-410C) [Bass Engine] Bass Engine Plus • Bass/Treble Centre Frequency Control • Bass Band Width Control • Bass Type Selection [Audio] 50W x 4 High Power Amp • Dual-Input • 3 PreOuts • 3 Auxiliary Inputs (AUX3 is Combine with Rear View Camera) • 2 Auxiliary Outputs • 4V PreOut • MediaXpander [General] Ai-NET • Quick Search • DVD Changer Ready • HDA-5460 Compatible (only for Display and Sound) • MobileHub LINK • Black Out • Wireless Remote Control Included

## Easy Processor Control from the Mobile Media Station

The IVA-D900R lets you control the functions of the PXA-H701 or the MRA-D550, so you can tailor the sound field to your exact preference, right from your driving position.

## Multifunction Remote Control

This well-designed remote control gives you complete command over all functions: navigation, audio, DVD and rear seat monitors.



## Multi-Zone Control

Three A/V Inputs and two A/V Outputs provide a wide range of source selection possibilities. The IVA-D900R allows independent source selection from each seat. Multi-Zone control is also possible via remote control from a rear seat.

## Highest Quality LCD Screen

The IVA-D900R uses a new low-temperature poly-silicone LCD screen that has 400% more pixels (1.15 million elements) than conventional LCDs, resulting in higher resolution, better colour saturation and higher contrast. In addition, the picture is brighter in daylight and the viewing angle is wider.



## CVA-1004R/RR

VIDEO EXPANSION MODULE

CVA-1004R/RR

# CONTROL HEAD UNITS

## SwingFace™ HEAD UNITS



### CDA-9835R

CD / MP3 / WMA RECEIVER / CHANGER CONTROLLER

[Tuner] "MAX TUNE PRO" Tuner(FM18/MW6/LW6) • Radio TEXT [CD] Disc Title Memory • CD TEXT Display and Scroll • Regulated 1 Bit DAC • Music Scan • Track/Folder Search Menu • WMA Decoder/Playback • MP3 Decoder/Playback • Play List (MP3/WMA) [CD Changer Control] Music Scan • Disc Title Memory • MP3 Text Information Display (ID3 Tag) • Track/Folder Search Menu • CD TEXT Display and Scroll • Multi CD Changer Control (with KCA-410C) [i-Personalize] Amplifier Link • Data Download • Multicolor Illumination [Bass Engine] Bass Engine Pro • Factory Preset EQ [Audio] 60W x 4V-Drive High Power Amp • 3 PreOuts • 4V PreOut • Versatile Link • MediaXpander [General] AI-NET • Quick Search • DVD Changer Ready • HDA-5460 Compatible • MobileHub LINK • BioLite™ Display with Background Animation • Black Out • SwingFace • Wireless Remote Control Included • Vehicle Display Interface Ready



### CDA-9812RR/RB

CD / MP3 / WMA RECEIVER / CHANGER CONTROLLER

[Tuner] "MAX TUNE PRO" Tuner(FM18/MW6/LW6) • Radio TEXT • DAB Ready [CD] Disc Title Memory • CD TEXT Display and Scroll • Regulated 1 Bit DAC • Music Scan • Track/Folder Search Menu • WMA Decoder/Playback • MP3 Decoder/Playback • MP3 Decoder/Playback [CD Changer Control] Music Scan • Disc Title Memory • MP3 Text Information Display (ID3 Tag) • Track/Folder Search Menu • CD TEXT Display and Scroll • Multi CD Changer Control (with KCA-410C) [Bass Engine] Bass Engine Plus • Bass/Treble Centre Frequency Control • Bass Band Width Control • 4ch Adjustable Digital Time Correction • Bass Focus • Bass Type Selection [Audio] 60W x 4V-Drive High Power Amp • 3 PreOuts • 4V PreOut • Versatile Link • MediaXpander [General] AI-NET • Quick Search • DVD Changer Ready • HDA-5460 Compatible • MobileHub LINK • Black Out • SwingFace • Wireless Remote Control Included

CDA-9812RR  
Red illumination

CDA-9812RB  
Blue illumination

### CDA-9831R

CD / MP3 / WMA RECEIVER / CHANGER CONTROLLER

[Tuner] "MAX TUNE PRO" Tuner(FM18/MW6/LW6) • Radio TEXT [CD] Disc Title Memory • CD TEXT Display and Scroll • Regulated 1 Bit DAC • Music Scan • Track/Folder Search Menu • WMA Decoder/Playback • MP3 Decoder/Playback • Play List (MP3/WMA) [CD Changer Control] Music Scan • Disc Title Memory • MP3 Text Information Display (ID3 Tag) • Track/Folder Search Menu • CD TEXT Display and Scroll • Multi CD Changer Control (with KCA-410C) [i-Personalize] Multicolor Illumination [Bass Engine] Bass Engine Plus • 4ch Adjustable Digital Time Correction • 4-Band Parametric Equalizer • Factory Preset EQ • Bass Focus [Audio] 60W x 4V-Drive High Power Amp • 3 PreOuts • 4V PreOut • Versatile Link • MediaXpander [General] AI-NET • Quick Search • DVD Changer Ready • HDA-5460 Compatible • MobileHub LINK • Black Out • SwingFace • Wireless Remote Control Ready • Vehicle Display Interface Ready



### CDA-9835R

CD / MP3 / WMA RECEIVER / CHANGER CONTROLLER

[Tuner] "MAX TUNE PRO" Tuner(FM18/MW6/LW6) • Radio TEXT [CD] Disc Title Memory • CD TEXT Display and Scroll • Regulated 1 Bit DAC • Music Scan • Track/Folder Search Menu • WMA Decoder/Playback • MP3 Decoder/Playback • Play List (MP3/WMA) [CD Changer Control] Music Scan • Disc Title Memory • MP3 Text Information Display (ID3 Tag) • Track/Folder Search Menu • CD TEXT Display and Scroll • Multi CD Changer Control (with KCA-410C) [i-Personalize] Amplifier Link • Data Download • Multicolor Illumination [Bass Engine] Bass Engine Pro • Factory Preset EQ [Audio] 60W x 4V-Drive High Power Amp • 3 PreOuts • 4V PreOut • 4V PreOut • Versatile Link • MediaXpander [General] Ai-NET • Quick Search • DVD Changer Ready • HDA-5460 Compatible • MobileHub LINK • Black Out • SwingFace • Wireless Remote Control Included • Vehicle Display Interface Ready

## SwingFace™ Movement



The Swing Face design allows an extra-large display for ease of viewing and lets you adjust the viewing angle. It keeps dust and dirt out of the mechanism by hiding it behind the panel. Plus it's cool-looking and the motorization is smooth!

### CDA-9830R

CD / MP3 / WMA RECEIVER / CHANGER CONTROLLER

[Tuner] "MAX TUNE PRO" Tuner(FM18/MW6/LW6) • Radio TEXT [CD] Disc Title Memory • CD TEXT Display and Scroll • Regulated 1 Bit DAC • Music Scan • Track/Folder Search Menu • WMA Decoder/Playback • MP3 Decoder/Playback • Play List (MP3/WMA) [CD Changer Control] Music Scan • Disc Title Memory • MP3 Text Information Display (ID3 Tag) • Track/Folder Search Menu • CD TEXT Display and Scroll • Multi CD Changer Control (with KCA-410C) [i-Personalize] Multicolor Illumination [Bass Engine] Bass Engine Plus • 4ch Adjustable Digital Time Correction • 4-Band Parametric Equalizer • Factory Preset EQ • Bass Focus [Audio] 50W x 4V-Drive High Power Amp • 3 PreOuts • 4V PreOut • Versatile Link • MediaXpander [General] Ai-NET • Quick Search • DVD Changer Ready • HDA-5460 Compatible • MobileHub LINK • Black Out • SwingFace • Wireless Remote Control Ready • Vehicle Display Interface Ready



## FantomFace™ XL HEAD UNIT

### CDA-7998R

TUNER CD / MP3 PLAYER / CHANGER CONTROLLER

[TUNER] "MAX TUNE PRO" Tuner (FM18/MW6/LW6) • Radio TEXT • DAB Ready [CD] Optical Digital Output • Disc Title Memory • CD TEXT Display and Scroll • Regulated 1 Bit DAC • Music Scan • Track/Folder Search Menu • MP3 Decoder/Playback • Play List (MP3) [CD Changer Control] Music Scan • Disc Title Memory • MP3 Text Information Display (ID3 Tag) • Track/Folder Search Menu • CD TEXT Display and Scroll • Multi CD Changer Control (with KCA-410C) [Bass Engine] Bass Engine Pro • [Audio] 3 PreOuts • 4V PreOut • Versatile Link • MediaXpander [General] Ai-NET • FantomFace XL • Quick Search • DAB Changer Ready • HDA-5460 Compatible (only for Sound) • MobileHub LINK • Data Download • BioLite Display • Black Out • Dual Illumination • Wireless Remote Control Included

### TUA-T100DAB

DIGITAL AUDIO BROADCASTING TUNER BOX

Lets you receive DAB programs with all DAB ready head-units.

### DAB

Digital Audio Broadcasting

### CXA-B200NK

MobileHub FOR NOKIA HANDSETS

### Mobile Hub

Includes black box, phone holder, microphone and wire harness.

## Alpine Units Perfectly Integrate with Your Car's Interior

### Multicolor Illumination

Now you can match the colour of your head unit's illumination to the dashboard illumination. And it's easy! You choose one of four basic colours, then use the rotary knob for precise matching. The adjustment range covers 512 colours!



512 colours

### Steering Wheel Remote Control Ready

All head units can be connected to a special interface box that makes them compatible with steering wheel remote controls, so the head unit can be controlled from the wheel.



### TUE-T100DAB

DIGITAL AUDIO BROADCASTING TUNER BOX

Lets you receive DAB programs with all DAB ready head-units.

### KCE-8XXB

Steering Wheel Remote Control Interfaces

Various Interfaces available for Audi, BMW, Citroen, Mercedes, Opel, Peugeot, Renault, VW and other manufacturers - please contact your local Alpine dealer for details.

### KWE-8XXE

Adaptor Harnesses

For interfacing car manufacturer's vehicle models to KCE-type interfaces.

### Vehicle Display Interface

Enjoy the convenience of connecting dedicated Swing Series Headunits to Original Vehicle Displays. And even more, these Vehicle Display Interfaces also include Steering Wheel Remote Control Functionality.



### KCE-940B

Vehicle Display Interface for Renault Vehicles

### KWE-941E/942E/943E/944E

Vehicle Display Adaptor Harnesses for connecting KCE-940B Interface to Renault Twingo, Clio, Kangoo, Megane, Scenic, Laguna, Safrane, Vel Satis.

### KCE-970B

Vehicle Display Interface for Opel Vehicles.

### KWE-971E/972E

Vehicle Display Adaptor Harnesses for connecting KCE-970B Interface to Opel Agila, Astra, Corsa, Combo, Meriva, Vectra, Zafira, Omega, Sintra, Signum, Frontera, Calibra.

### i-Personalize™

#### i-Personalize™

Only Alpine gives you four ways to personalise your system: Multicolor Illumination, Bass Engine, Amplifier Link and Data Download. Each provides greater customisation capabilities than any other brand; together, they are awesome!

### AMPLIFIER LINK

This function lets you customise from one to eight V12 AccuClass-D amps right from the head unit! You can adjust 11 parameters, see the status of each amp on the head unit display, and even name each amp. Separate Amplifier Link unit is necessary. Need KCE-510M (Amplifier Link Box) to activate Amplifier Link.

### DATA DOWNLOAD

Want to access a sophisticated toolbox of online customisation for your head unit? It's possible with i-Personalize, found at [www.alpine-europe.com](http://www.alpine-europe.com). You just transfer your settings to a CD-R disc and upload them to your head unit.

### Multicolor Illumination

Alpine lets you customise not only sound, but appearance, too. You can change the head unit illumination colour so it exactly matches the dashboard illumination. Your friends will be envious.

### Bass Engine® Pro Functions

Subwoofer Level Control • Subwoofer Phase Selector • 6-Position HP/LP Digital Crossover • 3-Way or 2-Way Digital Channel Divider • 6ch Adjustable Digital Time Correction • Factory Preset EQ (3 modes: Rock, Pops, News) • 5-Band Parametric Equalizer • Bass Focus

### Bass Engine® Plus Functions

Subwoofer Level Control • Subwoofer Phase Selector • 3-Position HP/LP Crossover Control (12dB/Oct.)

### Bass Engine® Functions

Subwoofer Level Control • Bass Centre Frequency Control • Treble Centre Frequency Control • Bass Band Width Control

### MP3

Designed for

Windows Media

### MP3 & WMA™ Compatibility

A number of Alpine head units and the CHA-S634 Changer let you play CD-R/RW discs containing MP3 tracks. Models with MediaXpander enhance the MP3 compression so you enjoy full digital quality. WMA (Windows Media™ Audio) is a format similar to MP3. Several head units will play CD-R/RW discs containing WMA tracks.

### MediaXpander™

This exclusive Alpine technology significantly improves sound quality. It provides three selectable expansion modes for MP3, CD, DVD and FM. You select the appropriate source, then choose the mode that best restores the quality lost in the recording or transmission process.

### MobileHub™

MobileHub™ for Nokia Handsets This feature lets you link Nokia handsets to a compatible Alpine head unit, Mobile Media Stations or navigation system. This provides control from the Alpine unit and interactive phone functions such as hands-free answering/dialing, call from address book and SMS messaging. Compatible with Nokia handsets 5110, 5130, 6110, 6130, 6150, 6210, 6310, and 6310i.

Once again, Alpine leads the way, with head units that give you an unbeatable combination of customisation capabilities, styling and audio quality.

## CLASSIC HEAD UNITS

### CDE-9828RB CD / MP3 / WMA RECEIVER

[Tuner] "MAX TUNE PRO" Tuner(FM18/MW6/LW6) • Radio TEXT [CD] Disc Title Memory • CD TEXT Display and Scroll • Regulated 1 Bit DAC • Music Scan • Track/Folder Search Menu • WMA Decoder/Playback • MP3 Decoder/Playback Play List (MP3/WMA) [Bass Engine] Bass Engine • Bass Type Selection [Audio] 50W x 4 High Power Amp • 3 PreOuts • MediaXpander [General] Quick Search



### CDM-9823R/RR CD RECEIVER / CHANGER CONTROLLER

[Tuner] "MAX TUNE" Tuner(FM12/MW6/LW6) [CD] Regulated 1 Bit DAC • Music Scan [CD Changer Control] Music Scan [Bass Engine] Bass Engine • Bass Type Selection [Audio] 50W x 4 High Power Amp • 2 PreOuts • Versatile M Link [General] M-Bus



CDM-9823R Green illumination

CDM-9823RR Red illumination

## HDD PLAYER

### HDA-5460 HARD DISK DRIVE PLAYER

[Hard Disk Player] Detachable HDD (16GB) • Music Visualizer • Display Off Mode • Stand Alone Play • Mobile Media Driver Software and USB Interface • Data Download Ready • Music Sensor Up/Down • Forward/Backward • M.I.X. One/All (Random) • Music Scan • TAG (Artist, Album, Song) and File Name Display and Scroll • TAG Search Menu • MP3 and WMA Decoder / Playback [Audio] 1 PreOut [General] Quick Search



Remove the front panel to load/unload the hard disk.

WAV MP3 Touch Control Ready

## CHANGERS & CASSETTE RECEIVERS

### CHA-S634 6-DISC CD / MP3 CHANGER

MP3 Touch Control Ready

### CHM-S630 6-DISC CD CHANGER

M-Bus Compatibility • Regulated 1-Bit DAC • High Speed, Anti-Vibration Mechanism with Silicon Oil Dampers • Free Angle Adjustable Mounting (0° – 90°) • Additional KAE-116C Changer Magazine Available

AI-NET and M-Bus Compatibility\* • 80-Disc Title Memory • CD Text Ready • M DAC • High Speed, Anti-Vibration Mechanism with Silicon Oil Dampers • Free Angle Adjustable Mounting (0° – 90°) • Additional KAE-116C Changer Magazine Available

\* Requires KCA-130B adaptor for M-Bus Application



### TDM-9505RB CASSETTE RECEIVER / CHANGER CONTROLLER

MP3 Touch Control Ready

### TDM-9503R CASSETTE RECEIVER / CHANGER CONTROLLER

[Tuner] "MAX TUNE" Tuner(FM12/MW6/LW6) [Cassette] Dolby B Noise Reduction • Tape Play/Pause [CD Changer Control] Music Scan • Disc Title Memory • MP3 Changer Ready [Audio] 45W x 4 High Power Amp • Switchable Non-Fading Pre-out • 1 PreOut [General] M-Bus • Wireless Remote Control Included



### All CD/Cassette Head Units and Mobile Media Station's Common Features

[Tuner] RDS • Auto. Memory • Up/Down Seek [DVD] DTS Digital Bit System [Cassette] Auto Metal Selector/Metal Indicator • Tape In Indicator/Run Indicator • Blank Skip • Music Scan • Repeat [CD] Digital Servo • Music Sensor Up/Down • Forward/Backward • Disc Play/Pause • M.I.X. One/All (Random Play One or All) • Repeat • CD-R/RW Compatible [CD Changer Control] Music Sensor Up/Down • Forward/Backward • Disc Play/Pause • M.I.X. • Repeat [Audio] Volume Control [General] Anti-Theft Detachable Face Panel (Except for IVA-D300R/RB and CDA-7998R) • Steering Remote Control Ready (Except for TDM-9501R/RM) • Power Antenna Lead • Remote-on Lead • Telephone Mute Acceptable • Audio Interrupt In

### CDE-9827R/RM/RR CD / MP3 / WMA RECEIVER

[Tuner] "MAX TUNE PRO" Tuner(FM18/MW6/LW6) • Radio TEXT [CD] Disc Title Memory • CD TEXT Display and Scroll • Regulated 1 Bit DAC • Music Scan • Track/Folder Search Menu • WMA Decoder/Playback • MP3 Decoder/Playback Play List (MP3/WMA) [Bass Engine] Bass Engine • Bass Type Selection [Audio] 45W x 4 High Power Amp • 3 PreOuts • MediaXpander [General] Quick Search

MX MP3 WMA Decoder for Windows



CDE-9827R Green illumination

### CDE-9827RM CD RECEIVER / CHANGER CONTROLLER

[Tuner] "MAX TUNE PRO" Tuner(FM12/MW6/LW6) [CD] Regulated 1 Bit DAC • Music Scan [CD Changer Control] Music Scan [Bass Engine] Bass Engine • Bass Type Selection [Audio] 50W x 4 High Power Amp • 3 PreOuts • Versatile M Link [General] M-Bus

MX WMA Decoder for Windows



CDE-9827RM Amber illumination



CDE-9827RR Red illumination

### CDE-9821R/RM CD RECEIVER

[Tuner] "MAX TUNE" Tuner(FM12/MW6/LW6) [CD] Regulated 1 Bit DAC • Music Scan [Bass Engine] Bass Engine • Bass Type Selection [Audio] 45W x 4 High Power Amp • 1 PreOut

MX WMA Decoder for Windows



CDE-9821R Green illumination



CDE-9821RM Amber illumination

### CDE-9822RB CD RECEIVER

[Tuner] "MAX TUNE" Tuner(FM12/MW6/LW6) [CD] Regulated 1 Bit DAC • Music Scan [Bass Engine] Bass Engine • Bass Type Selection [Audio] 45W x 4 High Power Amp • 1 PreOut

MX WMA Decoder for Windows



## Download at Home, Enjoy in Your Car

If you want a much bigger musical selection than you can get from a CD changer, this is the add-on unit for you. It's a hard disk drive player that can store about 3,000 songs in MP3 or WMA formats and also plays back WAV files. It comes

with its own software for easy downloading and creating and editing playlists. A Quick Search function makes it easy to find and play songs, and DJ Playback selects and announces songs in 10 categories.



### CRA-1656SP DIRECT ADD-ON CD CHANGER CONTROLLER

Handy CD Changer Control with BBE for High Sound Quality • Speaker Level Input • Control of "CHA" Models • Elapsed Time Display • Flush Mount Kit • Dual PreOuts • Wireless Remote Control Included • Disc Title Memory • Music Sensor • Music Scan • Forward/Backward • M.I.X. (Random Play) • Repeat



### TDM-9501R/RM CASSETTE RECEIVER / CHANGER CONTROLLER

[Tuner] "MAX TUNE" Tuner (FM12/MW6/LW6) [Cassette] Tape Play/Pause [CD Changer Control] Music Scan • MP3 Changer Ready [Audio] 45W x 4 High Power Amp • 1 PreOut [General] M-Bus

TDM-9501R Green illumination

### CRM-1652RF FM ADD-ON CD CHANGER CONTROLLER

M-Bus • PLL Synthesiser FM Modulator • Adjustable Frequency • Pre-Emphasis Select • Flush Mount Kit • Output Level Adjustment • Elapsed Time Display • Automatic Overmodulation Limiter • Wireless Remote Control Included • Music Sensor • Music Scan • Forward/Backward • M.I.X. (Random Play) • Repeat



TDM-9501RM Amber illumination



# POWER AMPLIFIERS AND SUBWOOFERS

"No shut down" design and superb audio quality. The V12 AccuClass-D™ mono amplifiers are the only true digital amps on the market and the V12 and V Power models are over-achievers.

## V12 AccuClass-D™ AMPLIFIERS



### MRD-M1001

MONO POWER AMPLIFIER  
1800W x 1 (Max)

- 1000W x 1 RMS [2 Ω @14.4V (1%THD)]
- 500W x 1 RMS [4 Ω @14.4V (1%THD)]
- 700W x 1 RMS [2 Ω @12V (1%THD)]
- 350W x 1 RMS [4 Ω @12V (1%THD)]
- 8.5V Input Capability • Buffered PreOut
- 3 Bass Compensation Modes

### MRD-M501

MONO POWER AMPLIFIER  
990W x 1 (Max)

- 550W x 1 RMS [2 Ω @14.4V (1%THD)]
- 275W x 1 RMS [4 Ω @14.4V (1%THD)]
- 425W x 1 RMS [2 Ω @12V (1%THD)]
- 225W x 1 RMS [4 Ω @12V (1%THD)]
- 8.5V Input Capability • Buffered PreOut

### MRD-M301

MONO POWER AMPLIFIER  
760W x 1 (Max)

- 350W x 1 RMS [2 Ω @14.4V (1%THD)]
- 175W x 1 RMS [4 Ω @14.4V (1%THD)]
- 150W x 1 RMS [4 Ω @12V (1%THD)]
- 8.5V Input Capability

### RUX-4280

REMOTE AMPLIFIER CONTROL CENTRE

For remote control of up to 8 V12 AccuClass-D™ Amplifiers if the Headunit does not provide direct AmplifierLink Control

### V12 AccuClass-D Power Amplifier Common Features

Fully Digital Class-D Technology • Digital Control Centre with LED Information Display (Temperature, Voltage, Current) • Bass Engine DSP (Parametric EQ, Crossover, Time Correction, Phase Control, Subsonic Filter, Bass Compensation) • Integrated Wire Covers • Variable Turn-On Delay • Memory Preset • Thermal Management • Safe Mode • Amplifier link / Remote Amplifier Control Centre Ready

## V12 AMPLIFIERS



### MRV-T420

2/1 CHANNEL POWER AMPLIFIER  
225W x 2 (Max)

- 340W x 2 RMS [4 Ω -Bridged @14.4V (0.3%THD)]
- 170W x 2 RMS [2 Ω @14.4V (0.3%THD)]
- 110W x 2 RMS [4 Ω @14.4V (0.08%THD)]
- 240W x 1 RMS [4 Ω -Bridged @12V (0.3%THD)]
- 120W x 2 RMS [2 Ω @12V (0.3%THD)]
- 75W x 2 RMS [4 Ω @12V (0.08%THD)]
- Bass Engine (Variable HP/LP/BP Crossover, Bass EQ)

### MRV-T320

2/1 CHANNEL POWER AMPLIFIER  
140W x 2 (Max)

- 220W x 1 RMS [4 Ω -Bridged @14.4V (0.3%THD)]
- 110W x 2 RMS [2 Ω @14.4V (0.3%THD)]
- 80W x 2 RMS [4 Ω @14.4V (0.08%THD)]
- 160W x 1 RMS [4 Ω -Bridged @12V (0.3%THD)]
- 80W x 2 RMS [2 Ω @12V (0.3%THD)]
- 50W x 2 RMS [4 Ω @12V (0.08%THD)]
- Bass Engine (Variable HP/LP/BP Crossover, Bass EQ)

### MRV-F540

4/3/2 CHANNEL POWER AMPLIFIER  
150W x 4 (Max)

- 200W x 2 RMS [4 Ω -Bridged @14.4V (0.3%THD)]
- 100W x 4 RMS [2 Ω @14.4V (0.3%THD)]
- 80W x 4 RMS [4 Ω @14.4V (0.08%THD)]
- 140W x 2 RMS [4 Ω -Bridged @12V (0.3%THD)]
- 70W x 4 RMS [2 Ω @12V (0.3%THD)]
- 50W x 4 RMS [4 Ω @12V (0.08%THD)]
- Bass Engine (Independent Variable HP/LP Crossover, Bass EQ, Selectable Subsonic Filter (Ch-5))

### MRV-F340

4/3/2 CHANNEL POWER AMPLIFIER  
100W x 4 (Max)

- 130W x 2 RMS [4 Ω -Bridged @14.4V (0.3%THD)]
- 65W x 4 RMS [4 Ω @14.4V (0.08%THD)]
- 90W x 2 RMS [4 Ω -Bridged @12V (0.3%THD)]
- 45W x 4 RMS [2 Ω @12V (0.3%THD)]
- 35W x 4 RMS [4 Ω @12V (0.08%THD)]
- Bass Engine (Independent Variable Tweeter Attenuation Circuit) HP/LP Crossover, Subsonic Filter Ch-3/4)

### MRV-F450

5/4/3 CHANNEL POWER AMPLIFIER  
90W x 4 + 370W (Max)

- 120W x 2 RMS + 200W x 1 [4 Ω -Bridged @14.4V (0.3%THD)]
- 60W x 4 RMS [2 Ω @14.4V (0.3%THD)]
- 50W x 4 RMS [4 Ω @14.4V (0.08%THD)]
- 80W x 2 RMS + 150W x 1 [4 Ω -Bridged @12V (0.3%THD)]
- 40W x 4 RMS [2 Ω @12V (0.3%THD)]
- 30W x 4 + 150W RMS [4 Ω @12V (0.08%THD)]
- Bass Engine (Independent Variable HP/LP Crossover, Bass EQ, Selectable Subsonic Filter (Ch-5))

### V-12 Common Features

Alpine V12 PWM MOSFET Power Supply • STAR Technology • 4 Volt Input Capability • Extra-Large Gold-Plated Power Terminals • Top Mounted Controls • Control Panel Cover • Blue Power/Status Indicator • Integrated Wire and Mounting Screw Covers

## V-POWER AMPLIFIERS



### MRP-M350

CLASS-D MONO AMPLIFIER  
700W x 1 (Max)

- 350W x 1 RMS [2 Ω @14.4V (1%THD)]
- 200W x 1 RMS [4 Ω @14.4V (1%THD)]
- Bass Engine (Variable LP Crossover, Bass EQ) • Thermal Management Processor

### MRP-T220

2/1 CHANNEL POWER AMPLIFIER  
90W x 2 (Max)

- 140W x 1 RMS [4 Ω -Bridged @14.4V (0.3%THD)]
- 70W x 2 RMS [2 Ω @14.4V (0.3%THD)]
- 50W x 2 RMS [4 Ω @14.4V (0.08%THD)]
- Bass Engine (HP/LP Crossover, Bass EQ) • Buffered PreOut • Duo-B Negative Feedback Circuit

### MRP-F240

4/3/2 CHANNEL POWER AMPLIFIER  
100W x 4 (Max)

- 100W x 2 RMS [4 Ω -Bridged @14.4V (0.3%THD)]
- 50W x 4 RMS [2 Ω @14.4V (0.3%THD)]
- 40W x 4 RMS [4 Ω @14.4V (0.08%THD)]
- Bass Engine (HP/LP Crossover, Bass EQ) • Variable BASS EQ • 4V Input Ready

### SWD-2000

8" POWERED SUBWOOFER BOX (4Ω)

- 350W Peak Power • Frequency Response: 50Hz-200Hz (-24dB/oct.)
- 20cm Cone Woofer • LPF Control • GAIN Control • Speaker/RCA Input • Variable BASS EQ • 4V Input Ready

### SWD-3000

12" POWERED SUBWOOFER BOX (4Ω)

- 350W Peak Power • Frequency Response 35Hz-200Hz (-24dB/oct.)
- 30cm Cone Woofer • LPF Control • GAIN Control • Speaker and Line/RCA Inputs • Variable BASS EQ • 4V Input Ready



### V-Power Common Features

Adjustable Gain Control • MOSFET Power Supply • DC-DC PWM Power Supply • Gold Plated Connectors and Terminals • Speaker Level Inputs • Blue Power Status LED • No Current Limiting • Double Buffered Preamp Input Circuitry • Discrete Preampl Stage • MOSFET Output Transistors • STAR Technology

## TYPE-X SUBWOOFERS



### SWX-1242D

12" (30cm) SUBWOOFER (4 Ω + 4 Ω)  
3000W Peak Power • 1000W RMS • Frequency Response: 20Hz – 500Hz

### SWX-1042D

10" (25cm) SUBWOOFER (4 Ω + 4 Ω)  
3000W Peak Power • 1000W RMS • Frequency Response: 22Hz – 500Hz

### Type-X Subwoofer Common Features

Carbon Fiber/Aluminum Honeycomb Parabolic Cone • Custom Cast Aluminum Frame • Dual Voice Coil Design, 4-Layer 220°C High Temp Wire with Inner/Outer Winding on Twin-Wall Brass Former • Integrated Spider Landing and Heat Transfer Plate • Multi-Stage Ventilation System (Dual Flare Pole, Spider Plateau & Frame Leg Venting, Cone/VC Junction Venting) • FEA Optimized T-Drive Motor Structure with Copper Shorting Sleeve & Heat Transfer Technology • FEA Optimized Mirrored Progressive Nomex® Spiders with Integrated Tinsel Leads • FEA Optimized High Excursion Injected Santoprene® Multi-Roll Surround • Massive Triple Stacked Strontium Magnets • One-Sided Terminal Layout • Gold Plated Insert Terminal Block with VC Connection Jumpers • Hidden Screw Gasket • Designed and Engineered in the USA

## TYPE-R SUBWOOFERS



### SWR-1541D

15"

(40cm)

SUBWOOFER

(4 Ω + 4 Ω)

- 1500W Peak Power • 500W RMS
- Frequency Response: 22Hz - 1kHz
- High Excursion 1-1/4" Santoprene Edge

### SWR-1221D\*/1241D\*\*

12"

(30cm)

SUBWOOFER

(\*2 Ω + 2 Ω (\*\*4 Ω + 4 Ω))

- 1000W Peak Power • 300W RMS
- Frequency Response: 24Hz - 1kHz
- High Excursion 1" Santoprene Edge

### SWR-1021D\*/1041D\*\*

10"

(25cm)

SUBWOOFER

- 1000W Peak Power • 300W RMS
- Frequency Response: 28Hz - 1kHz
- High Excursion 1" Santoprene Edge

### Type-R Subwoofer Common Features

Kevlar Reinforced Pulp Cone • Dual Progressive Nomex Spiders with Edge Control • Integrated Tinsel Lead Spider Design • Custom Cast Aluminum Frame with Integrated Heat Transfer Plate • Extended Length Dual-Flared Vented Pole Design • High-Strength Brass Voice Coil Bobbin • Heavy-Duty 8ga. Push Terminals • Computer Optimized Magnetic Circuit • Designed and Engineered in the USA

## TYPE-R READY TO USE BOX



### SBR-1241SB

SUBWOOFER WITH SEALED ENCLOSURE (4 Ω + 4 Ω)

- 1000W Peak Power • 300W RMS • 12" (30cm) Type-R Subwoofer SWR-1241D Included
- Subwoofer designed and engineered in the USA • Compact size sealed box design (around 27 liters)
- Subwoofer mounted, wired and tested -ready to use
- Subwoofer mounted and fixed with High-Q bolts and nuts
- High Density Fibreboard/Wood for resonance-free operation
- High Quality speaker-wire terminals
- Slanted back for easy trunk mount
- Attractive see-through plexiglass window with custom cast basket and magnet view

## TYPE-S SUBWOOFERS



### SWS-1222D

12"

(30cm)

SUBWOOFER

(2 Ω + 2 Ω)

- 900W Peak Power • 300W RMS
- Frequency Response: 26Hz - 1kHz

### SWS-1242D

12"

(30cm)

SUBWOOFER

- 900W Peak Power • 300W RMS
- Frequency Response: 26Hz - 1kHz

### SWS-1022D

10"

(25cm)

SUBWOOFER

- 900W Peak Power • 300W RMS
- Frequency Response: 30Hz - 1kHz

### SWS-1042D

10"

(25cm)

SUBWOOFER

- 900W Peak Power • 300W RMS
- Frequency Response: 30Hz - 1kHz

### TYPE-S READY TO USE BOX



### SWS-1241BR

READY TO USE BASS REFLEX SUBWOOFER BOX

- 350W Peak Power • 200W RMS • 12" (30cm) High Performance Subwoofer, ready installed and wired
- High Density Bass Reflex Enclosure with original Aeropart Reflex-Port • Dual-slanted Enclosure Design for easy Trunk Fitting • Resonance-free Steel-Basket and Natural Rubber Edge • 3-dimensional Alpine Logo Dustcap • High Quality Speaker Connection Terminals • Subwoofer-Chassis Front-Protection Bars

## TYPE-E SUBWOOFERS



### SWE-1241

12"

(30cm)

SUBWOOFER (4 Ω)

- 600W Peak Power • 200W RMS
- Frequency Response: 26Hz - 1kHz

### SWE-1041

10"

(25cm)

SUBWOOFER (4 Ω)

- 600W Peak Power • 200W RMS
- Frequency Response: 30Hz - 1kHz

### Type-E Subwoofer Common Features

Kevlar Reinforced Pulp Cone • Dual Progressive Nomex Spiders • High Excursion 3/4" Santoprene Edge • Custom High-Strength Basket • High-Strength Brass Voice Coil Bobbin • Designed and Engineered in the USA

# CLARITY SPEAKERS

Alpine speakers are at the leading edge of design and performance. Listen to the new Type X models to hear the definition of "clarity." The huge Alpine selection ensures you'll find just what you want.

## TYPE-X SPEAKERS



### SPX-177R

6-1/2" (16.5cm DIN) COMPONENT 2-WAY SPEAKER SET  
300W Peak Power • 75W RMS • Frequency Response: 35Hz - 60kHz

### SPX-137R

5-1/4" (13cm) COMPONENT 2-WAY SPEAKER SET  
240W Peak Power • 60W RMS • Frequency Response: 40Hz - 60kHz

### SPX-107R

4" (10cm) COMPONENT 2-WAY SPEAKER SET  
160W Peak Power • 40W RMS • Frequency Response: 45Hz - 60kHz

### SPX-17MB

6-1/2" (16.5cm DIN) MID BASS KIT  
300W Peak Power • 75W RMS • Frequency Response: 30Hz - 4kHz

#### Type-X Speakers Common Features

[**Woofer Features**] Wood Fiber Cone & Phase Integrated Dust Cap • Non-Resonant Suspension Coupling (NRSC) with Reinforced Edge • Low Resonance Multi-Roll Surround (LRMS) • Braided Low-DCR Tinsel Leads • Custom Cast Aluminum Frame • Integrated Spider Landing & Vented Heat Transfer Plate • FEA Optimized CRC T-Drive Motor Structure • Airflow Optimized Dual-Flare Pole Vent • High Quality Synthetic Black Spider • Single Voice Coil Design, 4-Layer Copper Clad Aluminum (CCA) Wire on Glass Fiber Bobbin • High Grade Strontium Ferrite Magnet • Gold Plated Terminals • Snap Fit Mounting System

[**Tweeter Features**] 32mm (1") Ring Radiator Diaphragm with Wave Guide • 19mm Voice Coil, Copper Clad Aluminum (CCA) Wire on Aluminum Bobbin • Periphery Venting System into Cast Aluminum Tuned Chamber with Integrated Heatsink • Low Distortion Motor Structure with High Grade Neodymium Magnets and Copper Shorting Cap • Twist Lock Installation Ring with Compact Swivel System

[**Network Features**] Phase Coherent Design • Integrated Level/Axis Adjustment • Tweeter Protection Circuit • Bi-Amp/Bi-Wire Capable • 3-Way/Dual Midbass ready • Ultra-High Grade Passive Components (Metallized Poly Capacitors, Heavy Gauge Air Core Inductors, Low Tolerance Heatsink Resistors, OFC Circuit Board Traces) • Gold Plated Terminals and Connection Jumpers

## TYPE-R SPEAKERS



### TYPE-R COMPONENT

#### SPR-176A

6-1/2" (16.5cm DIN) COMPONENT 2-WAY SPEAKER  
200W Peak Power • 50W RMS • Frequency Response: 40Hz - 30kHz

#### SPR-136A

5-1/4" (13cm) COMPONENT 2-WAY SPEAKER  
160W Peak Power • 40W RMS • Frequency Response: 50Hz - 30kHz

### TYPE-R COAXIAL

#### SPR-694A

6"x 9" (15x23cm) COAXIAL 2-WAY SPEAKER

200W Peak Power • 50W RMS • Frequency Response: 35Hz - 30kHz

#### SPR-174A

6-1/2" (16.5cm DIN) COAXIAL 2-WAY SPEAKER

160W Peak Power • 40W RMS • Frequency Response: 45Hz - 30kHz • 1" Tweeter

#### SPR-134A

5-1/4" (13cm) COAXIAL 2-WAY SPEAKER

140W Peak Power • 35W RMS • Frequency Response: 45Hz - 30kHz • 1" Tweeter

#### Type-R Component Common Features

1" (2.5cm) Soft Dome Tweeter • External 12dB HP/6dB LP Crossover with Tweeter Protection • Aluminum Coated Poly Cone • Cast Aluminum Woofer Frame • Extra-Large Woofer Magnet with Vented Pole Piece • Swivel Flush/Surface Tweeter Mounting

#### Type-R Coaxial Common Features

Soft Dome Tweeter with 15° Swivel Capability • In-Line 12dB HP Crossover with Tweeter Protection • Aluminum Coated Poly Cone • Cast Aluminum Woofer Frame

## TYPE-S SPEAKERS



## CUSTOM FIT SPEAKERS



### SXS-1757

6-1/2" (16.5cm DIN) COMPONENT 2-WAY SPEAKER

180W Peak Power • 60W RMS • Frequency Response: 60-22kHz • Sensitivity: 90.4dB/W/m • 16.5cm Woofer • 20mm Neodymium Swivel Tweeter • Strontium Magnet (W/Tw) • Neodymium Magnetic Tweeter • Glass Fibre Aluminum Coated Speaker Cone • Butyl Rubber Edge • PEI and Titanium Diaphragm • Aluminum Formed Voice Coil

### SXS-1357

5-1/4" (13cm) COMPONENT 2-WAY SPEAKER

150W Peak Power • 50W RMS • Frequency Response: 60-22kHz • Sensitivity: 90dB/W/m • 13cm Woofer • 20mm Neodymium Swivel Tweeter • Strontium Magnet (W/Tw) • Neodymium Magnetic Tweeter • Glass Fibre Aluminum Coated Speaker Cone • Butyl Rubber Edge • PEI and Titanium Diaphragm • Aluminum Formed Voice Coil

### SXE-1750S

6-1/2" (16.5cm DIN) COMPONENT 2-WAY SPEAKER

230W Peak Power • 45W RMS • Frequency Response: 60Hz-20kHz • Sensitivity: 92dB/W/m • Ferrite Magnet • Long Fibre Natural Pulp Cone • Neodymium Magnet • Mylar-Titanium Balanced Dome Tweeter • High Polymer Foam Edge

### SXE-1350S

5-1/4" (13cm) COMPONENT 2-WAY SPEAKER

250W Peak Power • 40W RMS • Frequency Response: 60Hz-20kHz • Sensitivity: 90dB/W/m • Ferrite Magnet • Long Fibre Natural Pulp Cone • Neodymium Magnet • Mylar-Titanium Balanced Dome Tweeter • High Polymer Foam Edge

### SXE-1725S

6-1/2" (16.5cm DIN) COAXIAL 2-WAY SPEAKER

220W Peak Power • 40W RMS • Frequency Response: 60Hz-20kHz • Sensitivity: 92dB/W/m • Ferrite Magnet • Long Fibre Natural Pulp Cone • Neodymium Magnet • Mylar-Titanium Balanced Dome Tweeter • High Polymer Foam Edge

### SXE-1325S

5-1/4" (13cm) COAXIAL 2-WAY SPEAKER

200W Peak Power • 35W RMS • Frequency Response: 60Hz-20kHz • Sensitivity: 90dB/W/m • Ferrite Magnet • Long Fibre Natural Pulp Cone • Neodymium Magnet • Mylar-Titanium Balanced Dome Tweeter • High Polymer Foam Edge

### SXE-4625S

4" x 6" (10x15cm) COAXIAL 2-WAY SPEAKER

150W Peak Power • 20W RMS • Frequency Response: 70Hz-20kHz • Sensitivity: 91dB/W/m • Ferrite Magnet • Long Fibre Natural Pulp Cone • Alnico Magnet • Mylar-Titanium Balanced Dome Tweeter • High Polymer Foam Edge

### SXE-1025S

4" (10cm) COAXIAL 2-WAY SPEAKER

180W Peak Power • 25W RMS • Frequency Response: 100Hz-20kHz • Sensitivity: 92dB/W/m • Ferrite Magnet • Long Fibre Natural Pulp Cone • Neodymium Magnet • Mylar-Titanium Balanced Dome Tweeter • High Polymer Foam Edge

### SXE-0825S

3-1/2" (8.6cm) COAXIAL 2-WAY SPEAKER

150W Peak Power • 20W RMS • Frequency Response: 100Hz-16kHz • Sensitivity: 90dB/W/m • Ferrite Magnet • Long Fibre Natural Pulp Cone • Alnico Magnet • Piezo tweeter • High Polymer Foam Edge

## TYPE-E SPEAKERS



### SPE-6903

6"x 9" (15x23cm) 3-WAY SPEAKER

150W Peak Power • 30W RMS • Frequency Response: 30Hz - 28kHz • Kraft Pulp Midrange

### SPE-1702

6-1/2" (16.5cm DIN) COAXIAL 2-WAY SPEAKER

150W Peak Power • 30W RMS • Frequency Response: 35Hz - 25kHz

### SPE-1002

4" (10cm) COAXIAL 2-WAY SPEAKER

75W Peak Power • 15W RMS • Frequency Response: 55Hz - 25kHz • Sensitivity: 90dB/W/m

### SPE-6902

6"x 9" (15x23cm) COAXIAL 2-WAY SPEAKER

150W Peak Power • 30W RMS • Frequency Response: 30Hz - 25kHz

### SPE-1302

5-1/4" (13cm) COAXIAL 2-WAY SPEAKER

100W Peak Power • 20W RMS • Frequency Response: 50Hz - 25kHz

#### Type-E Common Features

Hybrid Pearl-Mica Injection Woofer Cone • Lightweight Air Injected Rubber Edge • 3/8" PEI and Titanium Balanced Dome Tweeter • Neodymium Tweeter Magnet • Ceramic Magnet • Custom Fit Spacer • Nomex Spider

# GUIDED NAVIGATION

Alpine's award-winning DVD navigation is available in two high-performance systems.  
Both provide superior guidance and ease of operation, with a wide range of extremely useful functions.

## IN-DASH DVD CAR NAVIGATION SYSTEM

The INA-N333RS/RRS is truly the world's most advanced in-dash navigation system. This

one-DIN unit includes not only full navigation capabilities and a huge POI database but also

a high quality Bass Engine CD Receiver with high-resolution display.

### INA-N333RS/RRS MOBILE MEDIA NAVIGATION SYSTEM

<sup>\*3</sup>

i

TMC

ALPINE MOBILE MEDIA

NAVIGATION

SYSTEM

[Navigation] Map Coverage (20 countries) • Auto Route Calculation • Easy Input • Motor Way / General Street Selection • Destination Search • Real-time Voice Guidance (8 Languages) • Guidance Display (8 Languages) • Advanced Intersection Zoom • 3D Motorway Junction Guidance\* [TMC] Built-In TMC tuner • Wide TMC\* • Dynamic route guidance [Tuner] "MAX TUNE PRO" Tuner (FM18/MW6/LW6) [CD] CD-R/CD-RW Compatible • CD TEXT • Regulated 1 Bit DAC [CD Changer Control] CD TEXT • Multi CD Changer Control (with KCA-410C) [Bass Engine] Bass Engine • Subwoofer Phase Selector • Bass Type Selection [Audio] 45W x 4 High Power Amp • 3 PreOuts • Versatile Link [General] Ai-NET • DVD/MP3 Changer Ready • HDA-5460 Compatible (only for Sound) • MobileHub Link • BioLite Display • Dual Illumination • SwingFace • Wireless Remote Control Ready • Steering Remote Controller Ready

\*1 Germany, the United Kingdom, Belgium, the Netherlands, Luxembourg, Italy, and France.

\*2 Germany, the United Kingdom, France, Italy, Switzerland, Austria, Belgium, the Netherlands, Spain, Denmark, and Sweden.

\*3 V-Trafic information in France provided by Medimobile company

\*4 Traffic information in the UK provided by ITIS Holding Plc.



INA-N333RS Red illumination



### DVD CAR NAVI



### Dynamic Route Guidance

When TMC receives an update about traffic congestion, the system automatically chooses a new route for you.



### 3D Motorway Junction Guidance

This display re-creates on-screen the actual appearance of the required exit lane and junction, so you will never miss a turning.



### TMC-001P

TMC TUNER BOX FOR INA-N333RS/RRS

<sup>\*3</sup>

V-TRAFIC

ALPINE MOBILE MEDIA

NAVIGATION

SYSTEM

The TMC-001P is required for reception of TMC information when listening to FM broadcasts that are not TMC compatible. (Internal TMC decoding of stations with TMC information possible for INA-N333RS/RRS without using TMC-001P)

## DVD NAVIGATION SYSTEM

This system utilises the most advanced hardware and software available, for superior

speed, accuracy and convenience. With a database covering over 100,000 European

cities on a single disc, you can drive anywhere with ease and confidence.

### NVE-N099P DVD GPS CAR NAVIGATION SYSTEM



TMC

ALPINE MOBILE MEDIA

NAVIGATION

SYSTEM

<sup>\*3</sup> i TMC

ALPINE MOBILE MEDIA

NAVIGATION

DVD-ROM Drive • Map Coverage (20 countries) • High Quality Voice Guidance in 8 Languages (German, French, English, Italian, Spanish, Dutch, Danish and Swedish) • High Speed CPU • Compatible with Pulse Touch™ Display (IVA-D300R/RB) and touch screen monitor (TME-M770) • Built-In TMC tuner • Advanced TMC function • Wide TMC\* • TMC event list • TMC event voice • NOKIA Link • Built-In Gyro Sensor • Vehicle Speed Pulse Input • 3D Motorway Junction Guidance \*

\*1 Germany, the United Kingdom, Belgium, the Netherlands, Luxembourg, Italy, and France.

\*2 Germany, the United Kingdom, France, Italy, Switzerland, Austria, Belgium, the Netherlands, Spain, Denmark, and Sweden.

\*3 V-Trafic information in France provided by Medimobile company

\*4 Traffic information in the UK provided by ITIS Holding Plc.

### DVD CAR NAVI

<sup>\*3</sup>

i

TMC

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NAVIGATION

### Display choices

You'll have a bright, clear view of the navigation maps with any of the four Mobile Media Stations or the two other wide-screen monitors. The IVA-D300R/RB and TME-M770 give you the added advantage of fingertip control.



### Easy Control via Touch Screen or Remote Control

This year, navigation control is easier and more user-friendly than ever. When you use the system with the IVA-D300R/RB Mobile Media Station or the TME-M770 Monitor, you get the advantage of being able to input commands simply by touching the screen. Large, clear graphics make menus easier to see and selecting desired functions is much faster, and more enjoyable, too. The universal remote control can also be used, for convenient control by driver or passenger.



### Wide TMC Coverage

In addition to i-TMC in the UK and V-Trafic in France, TMC is available in Germany, the United Kingdom, France, Italy, Switzerland, Austria, Belgium, the Netherlands, Spain, Denmark, and Sweden. And Alpine navigation provides Automatic TMC Country Switching as you go to a different country.



### Dynamic Route Guidance

When the TMC function receives information about traffic congestion, it gives you a new route and the estimated time to your destination so you can call ahead to inform business associates, family, etc.



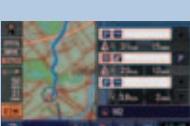
### Intersection Zoom

Shows a close-up of the upcoming intersection so you can drive with greater confidence.



### Highway Mode

Keeps you informed of points of interest along the route so you can decide where to stop. A great feature when on family trips.



## DISCOVER THE FUTURE OF MOBILE MEDIA®

ALPINE ELECTRONICS (EUROPE) GmbH

<http://www.alpine-europe.com>

Frankfurter Ring 117, 80807 München, Germany Tel: +49 (0)89-32 42 64-0 Fax: +49 (0)89-32 42 64-50

ALPINE ELECTRONICS INC.  
<http://www.alpine.com>

Main Office & Plant

20-1 Yoshima Kogyo Danchi, Iwaki, Fukushima Pref. 970-1192, Japan Tel : +81-246-36-4111 Fax : +81-246-36-8309

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